10/576,901

Connecting via Winsock to STN

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LOGINID:sssptal201txs

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * *   Welcome to STN International   * * * * * * * * *

NEWS 1   Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 9 JUL 30 USGENE now available on STN
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 11 AUG 06 BEILSTEIN updated with new compounds
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 13 AUG 13 CA/CAplus enhanced with additional kind codes for granted
                 patents
NEWS 14 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined
                 patent family display formats from INPADOCDB
NEWS 16 AUG 27 USPATOLD now available on STN
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental
                 spectral property data
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent
                 World Patents Index
NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/CAplus enhanced with printed CA page images from
                 1967-1998
NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine
                 patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements

NEWS EXPRESS   19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
                CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items

NEWS IPC8   For general information regarding STN implementation of IPC 8

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:01:19 ON 25 SEP 2007

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                   ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 18:01:31 ON 25 SEP 2007
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STRUCTURE FILE UPDATES: 24 SEP 2007   HIGHEST RN 947820-54-4
DICTIONARY FILE UPDATES: 24 SEP 2007   HIGHEST RN 947820-54-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

   Please note that search-term pricing does apply when
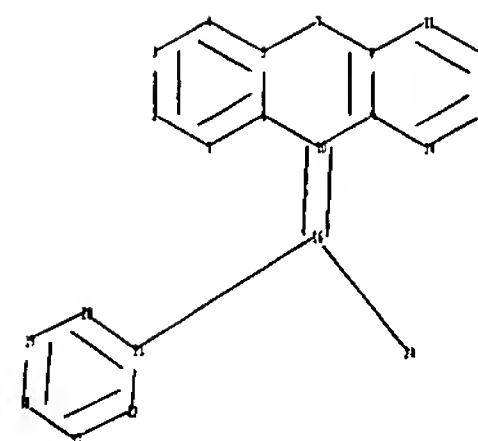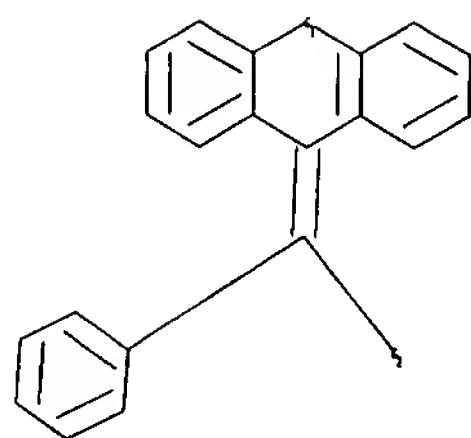   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10576901.str

chain nodes :
16   24
ring nodes :
1   2   3   4   5   6   7   8   9   10   11   12   13   14   17   18   19   20   21   22
chain bonds :
10-16   16-21   16-24
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   8-11   9-10   9-14   11-12
12-13   13-14   17-18   17-22   18-19   19-20   20-21   21-22
exact/norm bonds :
5-7   6-10   7-8   9-10   10-16   16-21   16-24
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   8-9   8-11   9-14   11-12   12-13   13-14   17-18
17-22   18-19   19-20   20-21   21-22
isolated ring systems :
containing 1 :

10/576,901

G1:CH2,O,S

G2:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 24:CLASS

L1   STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 18:01:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   5815 TO ITERATE

 34.4% PROCESSED   2000 ITERATIONS   2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 111728 TO   120872
PROJECTED ANSWERS: 2 TO   260

L2   2 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 18:01:56 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   118911 TO ITERATE

100.0% PROCESSED   118911 ITERATIONS   215 ANSWERS
SEARCH TIME: 00.00.02

L3   215 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                   ENTRY   SESSION
FULL ESTIMATED COST   172.10   172.31

FILE 'CAPLUS' ENTERED AT 18:02:09 ON 25 SEP 2007
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FILE COVERS 1907 - 25 Sep 2007   VOL 147 ISS 14
FILE LAST UPDATED: 24 Sep 2007   (20070924/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
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http://www.cas.org/infopolicy.html

=> s 13
L4   107 L3

=> s 14 and py =<2003
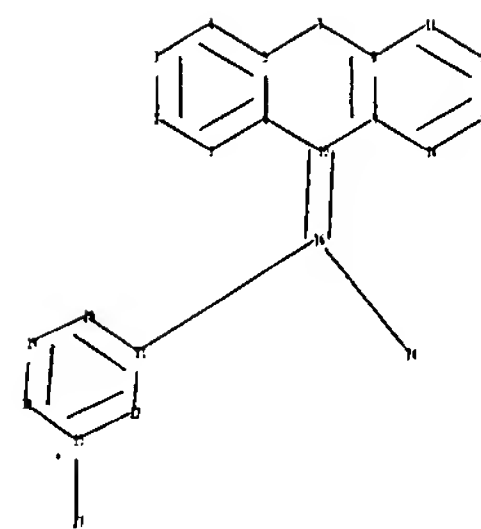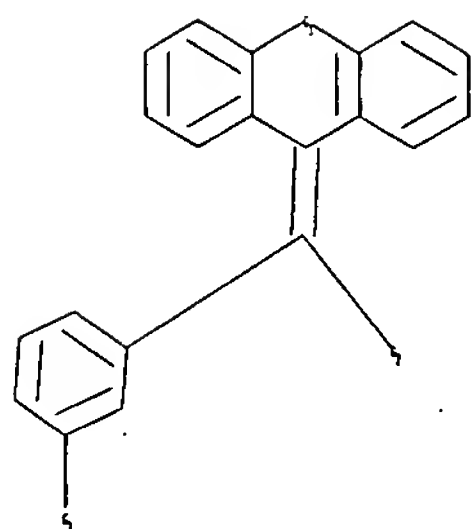   23937714 PY =<2003
L5   100 L4 AND PY =<2003

=>
Uploading C:\Program Files\Stnexp\Queries\105769011.str

chain nodes :
16   24   27
ring nodes :
1   2   3   4   5   6   7   8   9   10   11   12   13   14   17   18   19   20   21   22
chain bonds :
10-16   16-21   16-24   17-27
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   8-11   9-10   9-14   11-12
12-13   13-14   17-18   17-22   18-19   19-20   20-21   21-22
exact/norm bonds :
5-7   6-10   7-8   9-10   10-16   16-21   16-24   17-27
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   8-9   8-11   9-14   11-12   12-13   13-14   17-18
17-22   18-19   19-20   20-21   21-22
isolated ring systems :
containing 1 : 17 :

G1:CH2,O,S

G2:H,Ak

G3:O,N,OH

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 24:CLASS 27:CLASS

L6   STRUCTURE UPLOADED

=> s l6
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 18:06:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   116 TO ITERATE

100.0% PROCESSED   116 ITERATIONS   0 ANSWERS
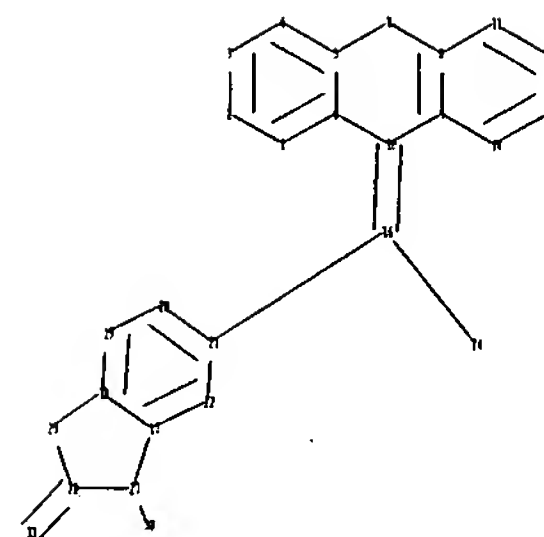SEARCH TIME: 00.00.01

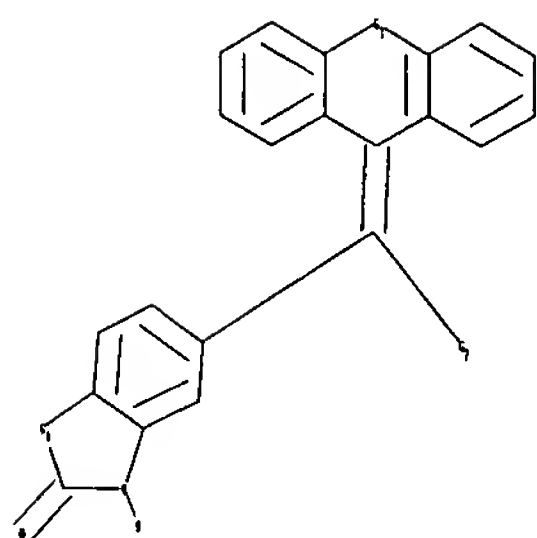FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 1674 TO   2966
PROJECTED ANSWERS: 0 TO   0

L7.   0 SEA SSS SAM L6

L8   0 L7

=>
Uploading C:\Program Files\Stnexp\Queries\105769012.str

chain nodes :
16   24   30   31
ring nodes :
1   2   3   4   5   6   7   8   9   10   11   12   13   14   17   18   19   20   21   22   27
28   29
chain bonds :
10-16   16-21   16-24   27-30   28-31
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   8-11   9-10   9-14   11-12
12-13   13-14   17-18   17-22   17-27   18-19   18-29   19-20   20-21   21-22   27-28
 28-29
exact/norm bonds :
5-7   6-10   7-8   9-10   10-16   16-21   16-24   17-27   18-29   27-28   27-30
28-29   28-31
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   8-9   8-11   9-14   11-12   12-13   13-14   17-18
17-22   18-19   19-20   20-21   21-22

10/576,901

isolated ring systems :
containing 1 : 17 :

G1:CH2,O,S

G2:H,Ak

G3:O,N,OH

G4:O,S,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 24:CLASS 27:Atom 28:Atom 29:Atom
30:CLASS 31:CLASS

L9   STRUCTURE UPLOADED

=> s 19
   REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 18:09:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   21 TO ITERATE

100.0% PROCESSED   21 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 146 TO   694
PROJECTED ANSWERS: 0 TO   0

L10   0 SEA SSS SAM L9

L11   0 L10

=> log y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION

10/576,901

FULL ESTIMATED COST   0.47   181.33

STN INTERNATIONAL LOGOFF AT 18:09:26 ON 25 SEP 2007

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Welcome to STN International!   Enter x:x

LOGINID:ssspta1201txs

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    NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
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    NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China
    NEWS 6 JUL 16 CAplus enhanced with French and German abstracts
    NEWS 7 JUL 18 CA/CAplus patent coverage enhanced
    NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
    NEWS 9 JUL 30 USGENE now available on STN
    NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
    NEWS 11 AUG 06 BEILSTEIN updated with new compounds
    NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition
    NEWS 13 AUG 13 CA/CAplus enhanced with additional kind codes for granted
                     patents
    NEWS 14 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records
    NEWS 15 AUG 27 Full-text patent databases enhanced with predefined
                     patent family display formats from INPADOCDB
    NEWS 16 AUG 27 USPATOLD now available on STN
    NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental
                     spectral property data
    NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent
                     World Patents Index
    NEWS 19 SEP 13 FORIS renamed to SOFIS
    NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
    NEWS 21 SEP 17 CA/CAplus enhanced with printed CA page images from
                     1967-1998
    NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine
                     patents
    NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements

    NEWS EXPRESS   19 SEPTEMBER 2007:   CURRENT WINDOWS VERSION IS V8.2,

```
                    CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                    AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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    NEWS LOGIN      Welcome Banner and News Items
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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:11:56 ON 25 SEP 2007

=> file reg

```
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                                  ENTRY    SESSION
FULL ESTIMATED COST                                0.21       0.21
```

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STRUCTURE FILE UPDATES:  24 SEP 2007  HIGHEST RN 947820-54-4
DICTIONARY FILE UPDATES:  24 SEP 2007  HIGHEST RN 947820-54-4
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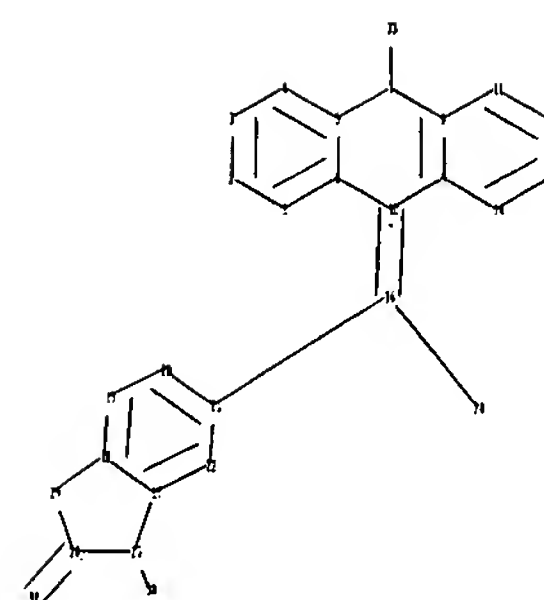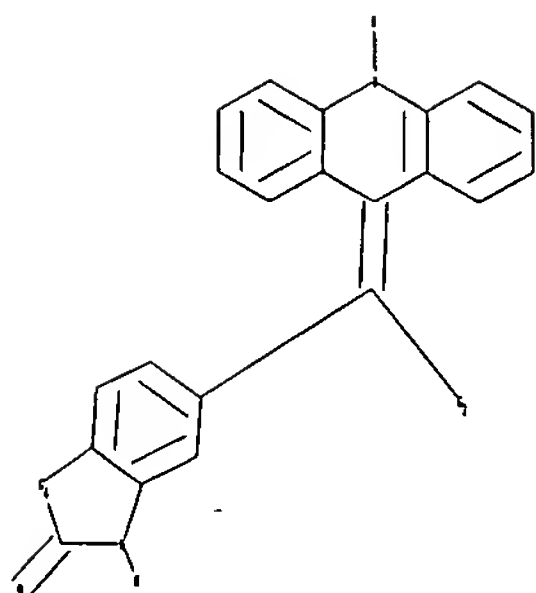TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\105769013.str

chain nodes :
16   24   30   31   33
ring nodes :
1   2   3   4   5   6   7   8   9   10   11   12   13   14   17   18   19   20   21   22   27
28   29
chain bonds :
7-33   10-16   16-21   16-24   27-30   28-31
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   8-11   9-10   9-14   11-12
12-13   13-14   17-18   17-22   17-27   18-19   18-29   19-20   20-21   21-22   27-28
 28-29
exact/norm bonds :
5-7   6-10   7-8   7-33   9-10   10-16   16-21   16-24   17-27   18-29   27-28   27-30
 28-29   28-31
normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 17-18
17-22 18-19 19-20 20-21 21-22
isolated ring systems :
containing 1 : 17 :

G1:CH2,O,S

G2:H,Ak

G3:O,N,OH

G4:O,S,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 24:CLASS 27:Atom 28:Atom 29:Atom
30:CLASS 31:CLASS 33:CLASS

L1   STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 18:12:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   2 TO ITERATE

100.0% PROCESSED   2 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 2 TO   124
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

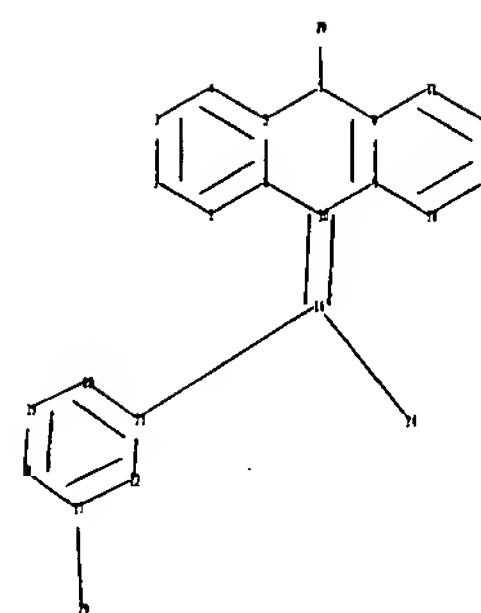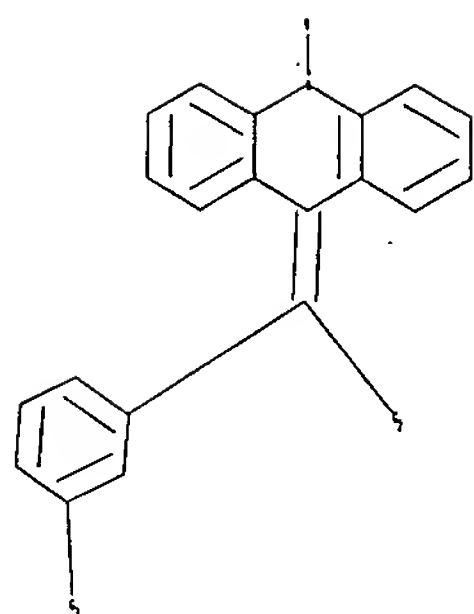=> s l1 ful
FULL SEARCH INITIATED 18:12:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   29 TO ITERATE

100.0% PROCESSED   29 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

L3   0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\105769014.str

chain nodes :
16 24 28 29
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 17 18 19 20 21 22
chain bonds :
7-28 10-16 16-21 16-24 17-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12
12-13 13-14 17-18 17-22 18-19 19-20 20-21 21-22
exact/norm bonds :
5-7 6-10 7-8 9-10 16-24 17-29
exact bonds :
7-28 10-16 16-21
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 17-18
17-22 18-19 19-20 20-21 21-22
isolated ring systems :
containing 1 : 17 :

10/576,901

G1:CH2,O,S

G2:H,Ak

G3:O,N,OH

G4:O,S,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
10:Atom   11:Atom   12:Atom   13:Atom   14:Atom   16:CLASS   17:Atom   18:Atom
19:Atom   20:Atom   21:Atom   22:Atom   24:CLASS   28:CLASS   29:CLASS

L4   STRUCTURE UPLOADED

=> s l4
SAMPLE SEARCH INITIATED 18:14:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   15 TO ITERATE

100.0% PROCESSED   15 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                 .   BATCH   **COMPLETE**
PROJECTED ITERATIONS: 68 TO   532
PROJECTED ANSWERS: 0 TO   0

L5   0 SEA SSS SAM L4

=> log y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                               ENTRY   SESSION
FULL ESTIMATED COST   173.45   173.66

STN INTERNATIONAL LOGOFF AT 18:14:22 ON 25 SEP 2007